

AMENDMENTS TO THE CLAIMS

1-33. (CANCELED)

34. (CURRENTLY AMENDED) A lithographic ink for use in a lithographic printing process onto a polymer substrate, the ink comprising a metal or carbon particulate material suspended in a mixture of a resin, an antioxidant, and an organic solvent, wherein:
- a. the resin comprises a polyamide, and
 - b. the metal or carbon particulate material constitutes 50%-90% of the weight of the ink.

35. (CANCELED)

36. (CURRENTLY AMENDED) The lithographic ink of claim 34 wherein the ink is printed on ~~a substrate~~ the substrate with at least one electrically conducting layer situated thereon.

37. (CURRENTLY AMENDED) The lithographic ink of claim 34 wherein the ink is printed on ~~a substrate~~ the substrate with at least two or more stacked electrically conducting layers situated thereon.

38. (CURRENTLY AMENDED) The lithographic ink of claim 34 wherein the ink is printed on ~~a substrate~~ the substrate with a first electrically conducting layer deposited thereon by electroless deposition.

39. (PREVIOUSLY PRESENTED) The lithographic ink of claim 38 wherein an electrical component is attached to the first electrically conducting layer by means of a conductive polymer adhesive.

Okay to enter. 02 12/1/05